

FIG. 1

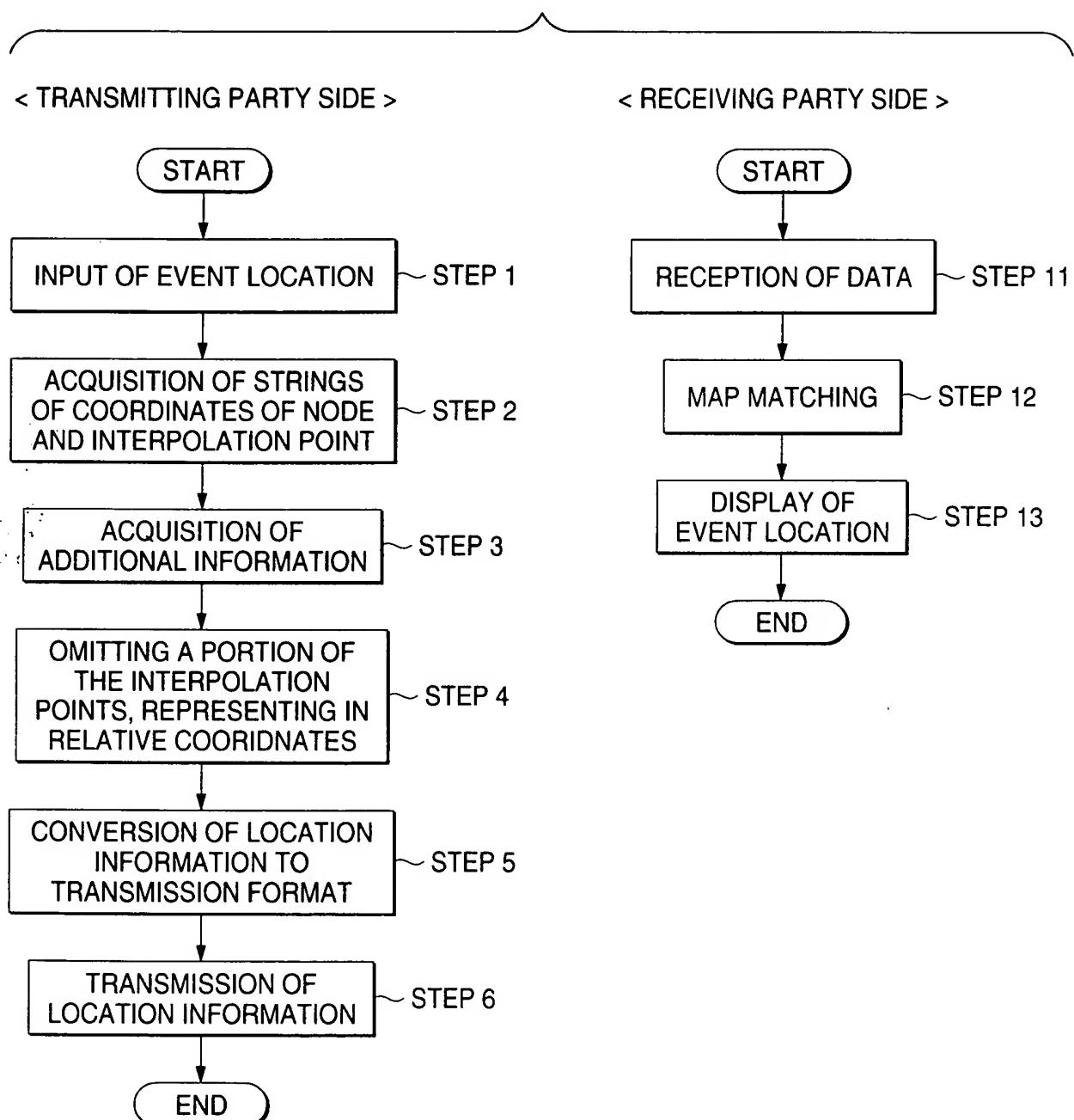


FIG. 2A

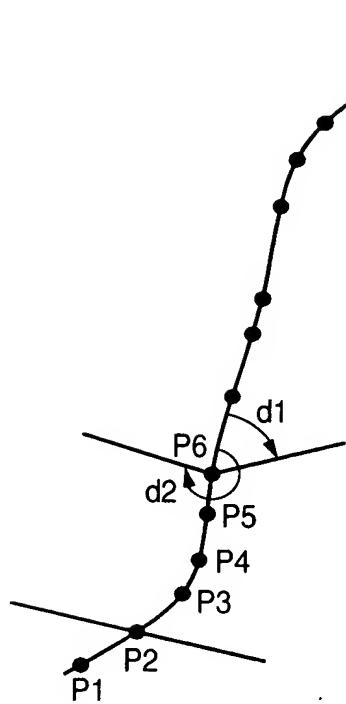


FIG. 2B

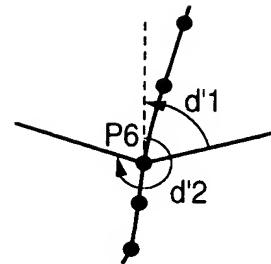


FIG. 3A

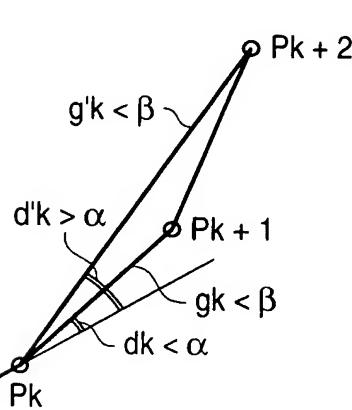


FIG. 3B

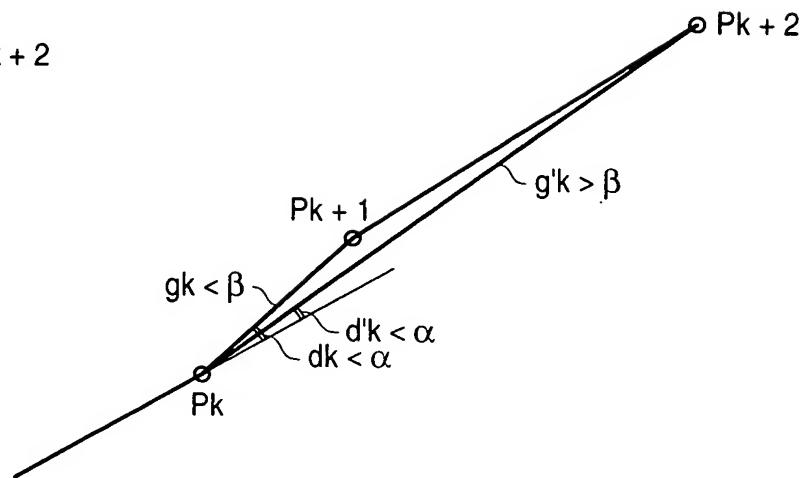


FIG. 4

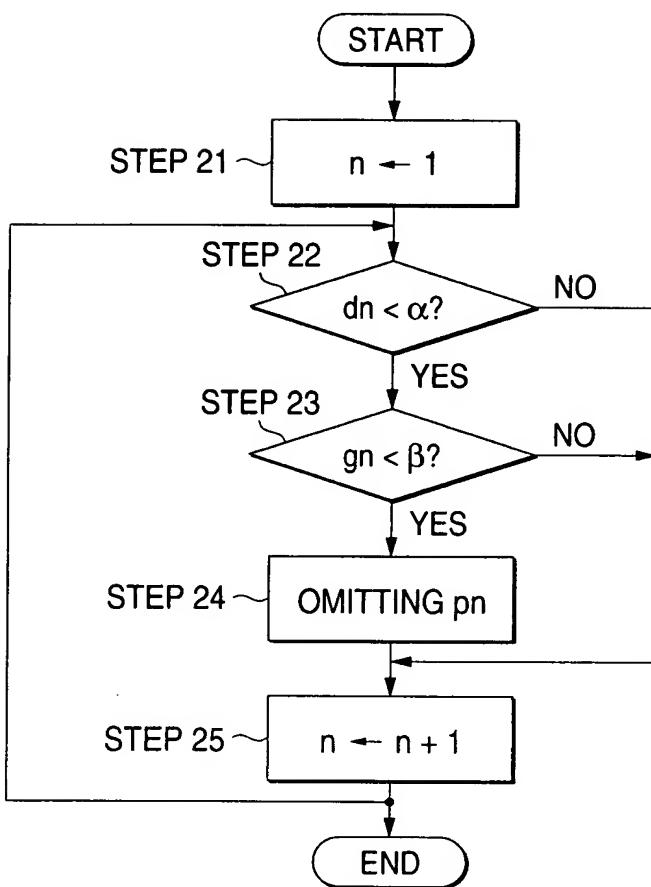


FIG. 5A

NODE STRING INFORMATION

TOTAL NUMBER OF NODES n
NODE NUMBER p1
LONGITUDE
LATITUDE
NODE NUMBER p2
RELATIVE COORDINATE x2
RELATIVE COORDINATE y2
⋮
NODE NUMBER pn
RELATIVE COORDINATE xn
RELATIVE COORDINATE yn

FIG. 5B

ADDITIONAL INFORMATION

ROAD TYPE CODE (EXPRESSWAY, NATIONAL HIGHWAY OR ETC.)
ROAD NUMBER (NATIONAL HIGHWAY 246 OR ETC.)
NUMBER OF CROSSING INFORMATION ITEMS
NODE NUMBER p2
NUMBER OF CONNECTING LINKS TO p2 I2
ANGLE 1 OF CONNECTING LINKS TO p2
⋮
ANGLE I2 OF CONNECTING LINKS TO p2
NODE NUMBER p6
NUMBER OF CONNECTING LINKS TO p2 I6
ANGLE 1 OF CONNECTING LINKS TO p6
⋮
ANGLE I6 OF CONNECTING LINKS TO p6

FIG. 6

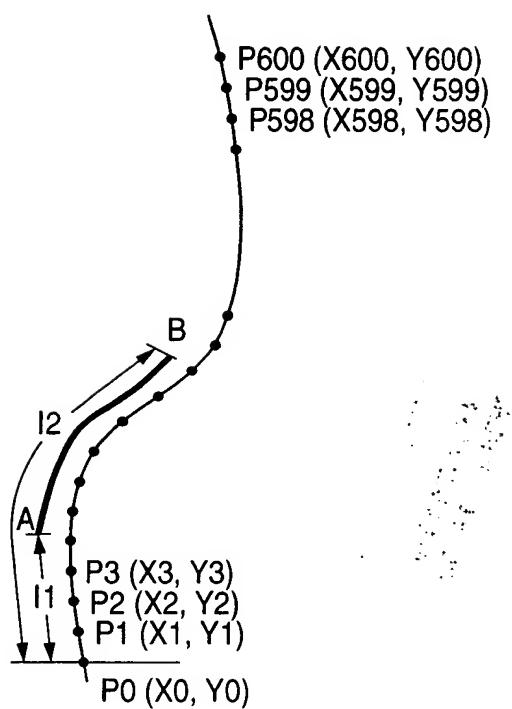


FIG. 7

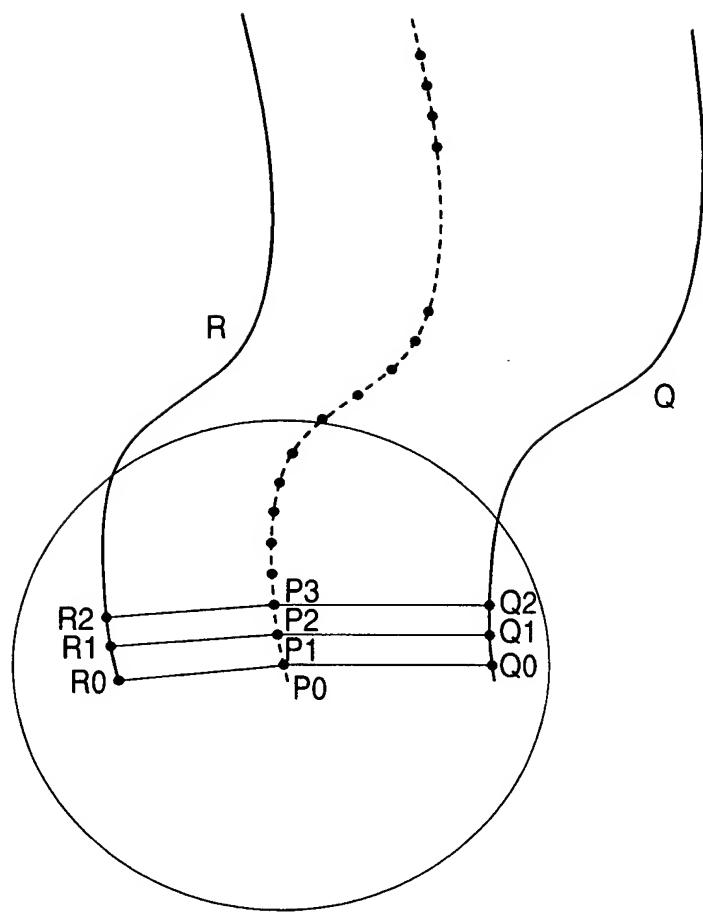


FIG. 8

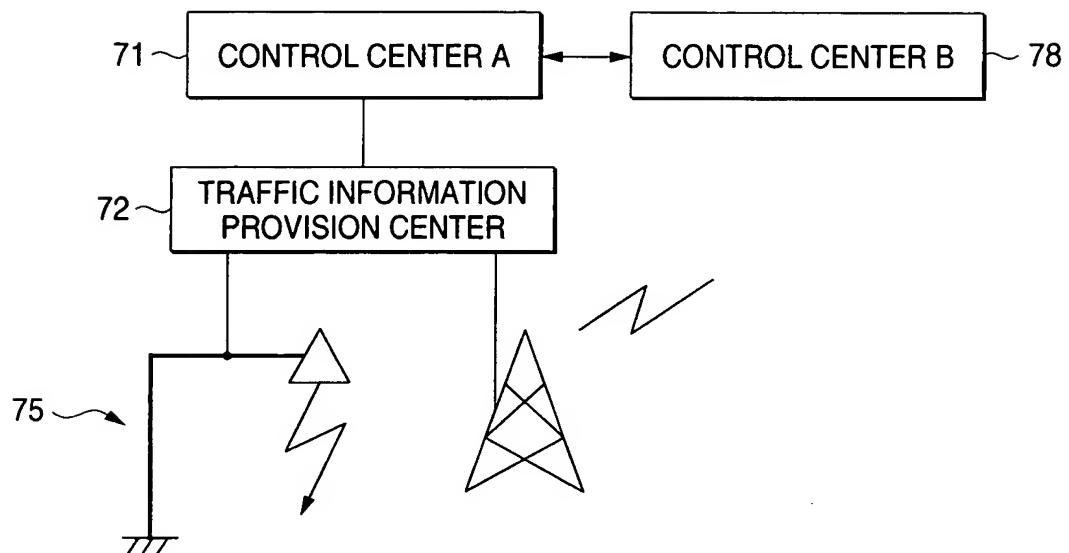


FIG. 9A

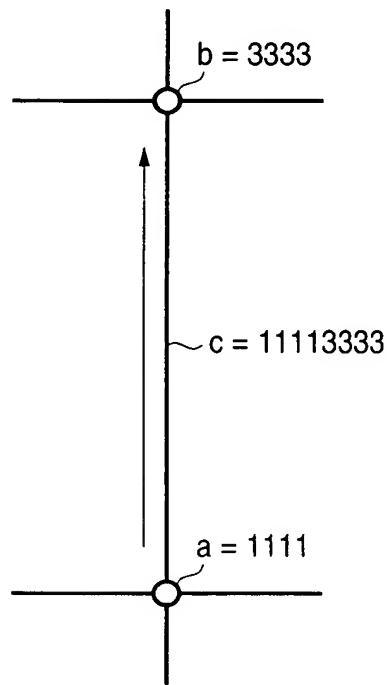


FIG. 9B

